

Title (en)
COMPRESSOR AND FREEZER

Title (de)
VERDICHTER UND TIEFKÜHLER

Title (fr)
COMPRESSEUR ET CONGÉLATEUR

Publication
EP 2320091 A4 20180321 (EN)

Application
EP 09800439 A 20090723

Priority
• JP 2009063193 W 20090723
• JP 2008192776 A 20080725

Abstract (en)
[origin: EP2320091A1] A compressor and a refrigerating machine which enable an easy disposal of a lubricant, are friendly to the natural environment, and have simple configurations, are provided. The compressor which is used in a refrigerating machine including an evaporator and a condenser and adapted for compressing refrigerant gas evaporated in the evaporator to convey the compressed refrigerant gas to the condenser, includes: a motor; a housing having a compression chamber inside; a rotary member which has a rotating shaft and is rotated by a driving force of the motor so as to compress water vapor serving as the refrigerant gas in the compression chamber; a bearing for supporting the rotating shaft of the rotary member in the housing; and a lubricant supplier for supplying water serving as a lubricant to the bearing.

IPC 8 full level
F04D 29/063 (2006.01); **F25B 1/00** (2006.01)

CPC (source: EP US)
F04D 25/06 (2013.01 - EP US); **F04D 29/057** (2013.01 - EP US); **F04D 29/063** (2013.01 - EP US); **F16C 33/109** (2013.01 - EP US); **F25B 31/002** (2013.01 - EP US); **F16C 2362/52** (2013.01 - EP US); **F25B 1/047** (2013.01 - EP US); **F25B 9/002** (2013.01 - EP US); **F25B 2339/047** (2013.01 - EP US)

Citation (search report)
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• [X] DE 10163950 A1 20030703 - MISCEL OY LTD [FI]
• [X] WO 9913224 A1 19990318 - SVENSKA ROTOR MASKINER AB [SE], et al
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

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